Attachment A.

Listing of Claims:

1. (currently amended) A gateway, comprising:

a first communication path to accept a short message from a short message service center;

a translation module to insert said short message into an HTTP protocol message; and

a second communication path to transmit said HTTP protocol message to at least one URL;

wherein said gateway facilitates two-way short message service communication between a short message service device and an HTTP device.

2. (original) The gateway according to claim 1, wherein:

said HTTP protocol message is a POST message.

3. (original) The gateway according to claim 1, wherein:

said short message originated from a wireless device;

4. (original) The gateway according to claim 1, wherein:

said short message is received via an RMI callback mechanism.

5. (original) The gateway according to claim 1, wherein:

said second communication path is adapted to transmit said HTTP protocol message to a plurality of URLs.

6. (original) The gateway according to claim 1, wherein:

said second communication path accepts return results from said URL;

said translation module inserts said return results into a short message; and

said first communication path transmits said short message to said short message service center.

7. (original) The gateway according to claim 6, wherein:

said return results conform to HTTP protocols.

8. (original) The gateway according to claim 6, wherein:

said first communication path transmits a SUBMIT_SM message to said short message servicing center.

9. (currently amended) A method of communicating between a wireless device and an application program on an Internet Protocol server, comprising:

sending a short message from said wireless device to said Internet Protocol server;

routing said short message using a wireless protocol message; ~~and~~

conveying said short message from said wireless device to said Internet Protocol server using an HTTP protocol POST message; and

returning data back to said wireless device from said Internet Protocol server through an HTTP stream established with said HTTP protocol POST message.

10. (original) The method of communicating between a wireless device and an application program on an Internet Protocol server according to claim 9, wherein:

said wireless protocol is SMPP.

11. (original) The method of communicating between a wireless device and an application program on an Internet Protocol server according to claim 9, wherein:

said wireless protocol is ReFlex.

12. (original) The method of communicating between a wireless device and an application program of an Internet Protocol server according to claim 9, wherein:

said SMPP protocol message is a DELIVER_SM message.

13. (original) The method of communicating between a wireless device and an application program of an Internet Protocol server according to claim 9, further comprising:

forwarding said routed short message to a gateway using an RMI callback mechanism.

14. (original) The method of communicating between a wireless device and an application program of an Internet Protocol server according to claim 9, wherein:

said short message is sent to a predefined address.

15. (original) The method of communicating between a wireless device and an application program of an Internet Protocol server according to claim 9, wherein:

said short message is conveyed to a plurality of Internet Protocol servers using respective HTTP protocol POST messages.

16. (canceled)

17. (previously presented) The method of communicating between a wireless device and an application program of an Internet Protocol server according to claim 9, further comprising:

routing said return data from said HTTP stream to a short message service center using an SMPP protocol message.

18. (original) The method of communicating between a wireless device and an application program of an Internet Protocol server according to claim 17, wherein:

said SMPP protocol message is a SUBMIT_SM message.

19. (original) The method of communicating between a wireless device and an application program of an Internet Protocol server according to claim 18, further comprising:

conveying said return data from said short message service center to a wireless device using an IS-41 protocol message.

20. (currently amended) Apparatus for communicating between a wireless device and an application program on an Internet Protocol server, comprising:

means for sending a short message from said wireless device to said Internet Protocol server;

means for routing said short message using an SMPP protocol message; ~~and~~

means for conveying said short message from said wireless device to said Internet Protocol server using an HTTP protocol POST message; and

means for returning data back to said wireless device from said Internet Protocol server through an HTTP stream established with said HTTP protocol POST message.

21. (original) The apparatus for communicating between a wireless device and an application program of an Internet Protocol server according to claim 20, wherein:

said SMPP protocol message is a DELIVER_SM message.

22. (original) The apparatus for communicating between a wireless device and an application program of an Internet Protocol server according to claim 20, further comprising:

means for forwarding said routed short message to a gateway using an RMI callback mechanism.

23. (original) The apparatus for communicating between a wireless device and an application program of an Internet Protocol server according to claim 20, wherein:

said means for sending sends said short message to a predefined address.

24. (original) The apparatus for communicating between a wireless device and an application program of an Internet Protocol server according to claim 20, wherein:

said means for conveying conveys said short message to a plurality of Internet Protocol servers using respective HTTP protocol POST messages.

25. (canceled)

26. (previously presented) The apparatus for communicating between a wireless device and an application program of an Internet Protocol server according to claim 20, further comprising:

means for routing said return data from said HTTP stream to a short message service center using an SMPP protocol message.

27. (original) The apparatus for communicating between a wireless device and an application program of an Internet Protocol server according to claim 26, wherein:

said SMPP protocol message is a SUBMIT_SM message.

28. (original) The apparatus for communicating between a wireless device and an application program of an Internet Protocol server according to claim 27, further comprising:

means for conveying said return data from said short message service center to a wireless device using an IS-41 protocol message.

29. (currently amended) A mobile to HTTP gateway, comprising:

an SMPP relayer;

a message director to process messages from said SMPP relayer;

a poster collector to obtain at least one target poster; ~~and~~

a poster to convert an SMPP Message into an HTTP protocol POST message; and

a poster to convert an HTTP protocol POST message into an SMPP Message.